



ALTERNATIVE TO PTO/SB/08a/b (07-05)

Substitute for form 1449/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/519,141		
		Filing Date	December 27, 2004		
		First Named Inventor	Robert DWILINSKI		
		Art Unit	2828-1722		
		Examiner Name	Not Yet Assigned - Hiteshen		
Sheet	1	of	1	Attorney Docket Number	204552034000

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
h.H.	1.	6,329,215-B1	12-11-2001	POROWSKI et al.	
h.H.	2.	6,593,589-B1	07-15-2003	OSINSKI et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

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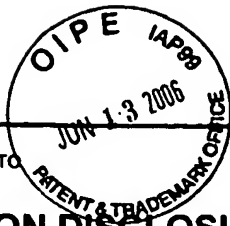
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS); title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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Examiner Signature	<i>J. Hiteshen</i>	Date Considered	11/8/06
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va-174332



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				Art Unit	2828 1722
				Examiner Name	Not Yet Assigned H/ashu
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		Number-Kind Code ² (if known)			
F.H.	1.	5,679,965-A	10-21-1997	SCHETZINA et al.	
↑	2.	6,046,464-A	04-04-2000	SCHETZINA et al.	
	3.	6,399,500-B1	06-04-2002	POROWSKI et al.	
↓	4.	6,447,604-B1	09-10-2002	FLYNN et al.	
	5.	6,459,712-B2	10-01-2002	TANAKA et al.	
F.H.	6.	6,488,767-B1	12-03-2002	XU et al.	

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Examiner Signature	<i>F. H. Ashu</i>	Date Considered	11/8/06
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va-165883

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/519,141
Filing Date	December 27, 2004
First Named Inventor	Robert DWILINSKI
Art Unit	2828 / 722
Examiner Name	Not Yet Assigned Hitesha
Attorney Docket Number	204552034000

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		Number-Kind Code ² (if known)			
F.H.	1.	6,252,261-B1	06-26-2001	USUI	
	2.	6,468,882-B2	10-22-2002	MOTOKI	
	3.	6,509,651-B1	01-21-2003	MATSUBARA	
	4.	6,720,586-B1	04-13-2004	KIDOGUCHI	
	5.	2002/0014631-A1	02-07-2002	IWATA	
	6.	2002/0031153-A1	03-14-2002	NIWA	
	7.	2002/0047113-A1	04-25-2002	OHNO	
	8.	2002/0063258-A1	05-30-2002	MOTOKI	
	9.	2002/0078881-A1	06-27-2002	CUOMO	

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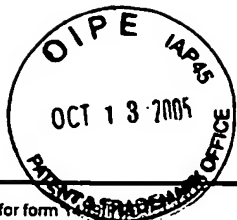
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Examiner Signature	<i>L. Hitesha</i>	Date Considered	<i>11/8/06</i>
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va- 146100



ALTERNATIVE TO PTO/SB/08a/b (08-03)

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				Application Number	10/519,141
				Filing Date	December 27, 2004
				First Named Inventor	Robert DWILINSKI
				Art Unit	Not Yet Assigned 1722
				Examiner Name	Not Yet Assigned Hateshew
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
FH	1.	WO-02/101120-A2	12-19-2002			✓

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FH	2.	T. Inoue et al. (2001) "Growth of Bulk GaN Single Crystals by the Pressure-Controlled Solution Growth Method," <i>Journal of Crystal Growth</i> 229, pp. 35-40	
✓	3.	M. K. Kelly et al. (1996) "Optical Patterning of GaN Films," <i>Apply. Phys. Lett.</i> 69(12), pp. 1749-1751	
✓	4.	W. S. Wong et al. (1999) "Fabrication of Thin-Film InGaN Light-Emitting Diode Membranes by Laser Lift-Off," <i>Applied Physics Letters</i> 75(10), pp. 1360-1362	
FH	5.	S. Porowski et al. (1993) "Prospects for High-Pressure Crystal Growth of III-V Nitrides," <i>Inst. Phys. Conf. Ser. No. 137</i> , Chapter 4, pp. 369-372	

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Examiner Signature	<i>[Signature]</i>	Date Considered	11/8/06
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va- 138062

ALTERNATIVE TO PTO/SB/08a/b (06-03)

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		Application Number	Not Yet Assigned		
		Filing Date	Concurrently Herewith		
		First Named Inventor	Robert DWILINSKI		
		Art Unit	Not Yet Assigned 1722		
		Examiner Name	Not Yet Assigned Hteshe		
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F.H.	1.	US-6,249,534-B1	06-19-2001	Itoh et al.	
F.H.	2.	US-6,177,057	01-23-2001	Purdy	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ² -Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
F.H.	3.	FR-2796657-A	01-26-2001			✓
	4.	WO-9855671-A	12-10-1998			✓
	5.	GB-2326160-A	12-16-1998			✓
	6.	JP-10-7496	01-13-1998		abstract	
	7.	JP-7-249830	09-26-1995		abstract	
	8.	JP-2-137287	05-25-1990		abstract	
	9.	JP-9-134878	05-20-1997		abstract	
F.H.	10.	EP-0949731-A2	10-13-1999			✓

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F.H.	11.	Aoki et al. "Growth of GaN Single Crystals from a Na-Ga Melt at 750°C and 5MPa of N ₂ ," Journal of Crystal Growth 218 (2000); pp. 7-12	
	12.	Yamane et al. "Polarity of GaN Single Crystals Prepared with Na Flux," Jpn. J. Appl. Phys. Vol 37 (1998); pp. 3436-3440	
	13.	Ketchum et al. "Crystal Growth of Gallium Nitride in Supercritical Ammonia," Journal of Crystal Growth 222 (2001); pp. 431-434	
	14.	Dwilinski et al. "AMMONO Method of BN, AlN and GaN Synthesis and Crystal Growth," MRS Internet J. Nitride Semicond. Res. 3, 25 (1998), pp. 1-4	
F.H.	15.	Yano et al. "Control of Nucleation Site and Growth Orientation of Bulk GaN Crystals," Jpn. J. Appl. Phys. Vol 38 (1999) pp. L1121-1123	

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va-88197